

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

10349495 STEAMBOAT CREEK AT GEIGER GRADE NEAR STEAMBOAT, NV

LOCATION (REVISED).--Lat 39°24'08.29", long 119°44'37.61" referenced to North American Datum of 1983, in NE 1/4 NW 1/4 sec. 28, T.18 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank 0.1 mi east of the junction of State Route 341 (Geiger Grade) and U.S. 395 near Steamboat.

DRAINAGE AREA.-- 140 mi², approximately.

PERIOD OF RECORD.--May to September 1982, May 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,543 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Many diversions for irrigation above station. Flow partly regulated by Washoe Lake (station 10348700). See schematic diagram of Truckee River Basin, Truckee River Basin and Pyramid-Winnemucca Lakes.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 135 ft³/s, June 19, 1982; no flow June 21, 29, 30, July 1, 9-23, 2003.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum daily discharge, 3,600 ft³/s, February 17, 1986, from slope-area determination in vicinity of present gage.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 36 ft³/s, February 25, gage height, 8.13 ft; minimum daily discharge, 0.00 ft³/s, on several days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.12	0.17	0.32	4.6	2.3	0.60	3.9	0.53	0.11	0.02	0.03	0.09
2	0.13	0.16	0.31	3.3	2.8	1.5	5.6	0.20	0.05	0.02	0.05	0.14
3	0.14	0.17	0.28	2.9	3.2	1.3	5.7	0.17	0.03	0.01	0.03	0.13
4	0.14	0.18	0.27	1.9	3.1	2.2	6.3	0.10	0.02	0.00	0.02	0.13
5	0.14	0.18	0.24	1.7	3.1	2.3	5.5	0.36	0.02	0.00	0.02	0.11
6	0.16	0.17	0.25	2.1	3.2	1.9	6.6	0.43	0.20	0.04	0.02	0.13
7	0.15	0.17	0.26	2.3	3.0	1.4	9.5	0.15	0.25	0.07	0.02	0.10
8	0.15	0.18	0.25	2.6	2.6	1.7	11	0.25	0.32	0.10	0.01	0.10
9	0.14	0.23	0.24	2.1	2.7	1.7	8.5	0.29	0.51	0.10	0.01	0.15
10	0.14	0.23	0.32	1.9	2.3	1.7	6.8	0.48	0.42	0.11	0.01	0.38
11	0.15	0.22	0.38	1.9	2.4	1.7	0.68	0.66	0.17	0.11	0.01	1.4
12	0.15	0.22	0.37	1.7	2.3	1.8	0.48	1.1	0.14	0.14	0.00	2.9
13	0.15	0.25	0.30	1.7	2.2	2.0	0.43	0.36	0.10	0.10	0.00	0.32
14	0.15	0.25	0.50	1.6	2.3	1.9	0.39	0.18	0.09	0.09	0.02	0.22
15	0.15	0.24	0.33	1.6	2.3	2.3	0.36	0.34	0.15	0.10	0.04	0.23
16	0.14	0.22	0.31	1.5	2.5	2.6	0.35	0.11	0.35	0.10	0.03	0.27
17	0.14	0.23	0.33	1.4	4.9	3.5	0.35	0.07	0.33	0.10	0.03	0.28
18	0.14	0.27	0.39	1.5	3.2	3.2	0.35	0.05	0.31	0.11	0.01	0.23
19	0.14	0.28	0.44	1.4	0.61	1.8	0.33	0.05	0.28	0.12	0.01	0.28
20	0.14	0.31	0.52	1.4	0.49	1.6	0.28	0.07	0.21	0.10	0.01	0.31
21	0.15	0.35	0.70	1.3	0.53	3.4	0.27	0.07	0.17	0.10	0.02	0.19
22	0.14	0.37	0.68	1.2	0.85	4.0	0.27	0.07	0.11	0.06	0.01	0.11
23	0.14	0.36	0.72	1.2	1.8	4.7	0.27	0.06	0.13	0.02	0.00	0.09
24	0.14	0.34	1.2	1.5	2.9	4.5	0.24	0.06	0.16	0.01	0.00	0.08
25	0.14	0.33	1.6	1.4	10	3.5	0.23	0.06	0.14	0.00	0.00	0.07
26	0.14	0.31	1.1	1.3	3.1	4.2	0.26	0.13	0.15	0.00	0.00	0.07
27	0.14	0.30	0.87	1.7	1.1	5.3	0.26	0.16	0.13	0.00	0.00	0.06
28	0.14	0.33	0.71	2.2	0.64	4.7	0.27	0.19	0.22	0.01	0.03	0.06
29	0.15	0.27	1.4	2.3	0.51	4.0	1.3	0.23	0.12	0.02	0.59	0.06
30	0.15	0.35	2.0	2.3	---	3.9	13	0.22	0.06	0.01	2.2	0.06
31	0.16	---	1.5	2.4	---	3.8	---	0.19	---	0.02	0.08	---
TOTAL	4.45	7.64	19.09	59.9	72.93	84.70	89.77	7.39	5.45	1.79	3.31	8.75
MEAN	0.14	0.25	0.62	1.93	2.51	2.73	2.99	0.24	0.18	0.06	0.11	0.29
MAX	0.16	0.37	2.0	4.6	10	5.3	13	1.1	0.51	0.14	2.2	2.9
MIN	0.12	0.16	0.24	1.2	0.49	0.60	0.23	0.05	0.02	0.00	0.00	0.06
AC-FT	8.8	15	38	119	145	168	178	15	11	3.6	6.6	17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1982 - 2004, BY WATER YEAR (WY)

MEAN	0.36	1.03	2.38	2.62	2.82	2.85	2.18	15.7	17.9	13.6	3.06	3.75
MAX	0.62	1.76	3.75	3.68	3.50	3.56	2.99	61.2	88.8	67.2	14.5	16.7
(WY)	(2002)	(2003)	(2003)	(2003)	(2003)	(2003)	(2004)	(1982)	(1982)	(1982)	(1982)	(1982)
MIN	0.14	0.25	0.62	1.93	2.45	2.26	0.83	0.24	0.04	0.01	0.07	0.20
(WY)	(2004)	(2004)	(2004)	(2004)	(2002)	(2002)	(2002)	(2004)	(2003)	(2003)	(2003)	(2003)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1982 - 2004	
ANNUAL TOTAL	470.13		365.17		1.27	
ANNUAL MEAN	1.29		1.00		1.69	2003
HIGHEST ANNUAL MEAN					1.00	2004
LOWEST ANNUAL MEAN					0.00	
HIGHEST DAILY MEAN	5.7	Apr 13	13	Apr 30	135	Jun 19, 1982
LOWEST DAILY MEAN	0.00	Jun 21	0.00	Jul 4	0.00	Jun 21, 2003
ANNUAL SEVEN-DAY MINIMUM	0.00	Jul 9	0.00	Aug 21	0.00	Jul 9, 2003
MAXIMUM PEAK FLOW			36	Feb 25	135	Jun 19, 1982
MAXIMUM PEAK STAGE			8.13	Feb 25	8.02	Dec 16, 2002
ANNUAL RUNOFF (AC-FT)	933		724		918	
10 PERCENT EXCEEDS	3.6		2.9		3.4	
50 PERCENT EXCEEDS	0.25		0.26		0.38	
90 PERCENT EXCEEDS	0.02		0.02		0.03	